

IN THE CLAIMS,

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1-33. (cancelled)

34. (original) An apparatus, comprising:

a receiver member having a body portion with a channel for accommodating a part of an elongated member and at least one opening for a locking member, and an extension portion extending from said body portion substantially transversely to said channel, said extension portion having a hole therethrough communicating with said channel;

a generally U-shaped grommet member having at least two prongs and a passage for accommodating a part of a bone fixation member, said prongs being inserted into said hole through said extension portion so that said grommet member is rotatably connected with said receiver member;

a fixing member lodged between at least two of said prongs, whereby said grommet member is prevented from being removed from said receiver member;

a first disk connected to said extension portion of said receiver member, said first disk having a first surface with a groove for contacting said elongated member, and a second surface having radial splines;

a second disk connected to said grommet member, said second disk having a first surface with a groove for contacting said bone fixation member and a second surface having radial splines;

wherein said second surfaces of said first and second disks face each other.

RESPONSE TO FINAL OFFICE ACTION

Application Serial No. 10/720,771

Attorney Docket No. 4002-3317

Page 2 of 16

35. (original) The apparatus of claim 34, further comprising an elongated member within said channel of said receiving member, a bone fixation member within said passage of said grommet member, and a locking member in said aperture of said receiver member, wherein said locking member presses against said elongated member against said first disk to lock said elongated member, first disk, second disk and bone fixation member with respect to each other.

36. (original) An apparatus, comprising:

a receiver member having a body portion with a channel for accommodating a part of an elongated member and at least one opening for a locking member, and an extension portion extending from said body portion substantially transversely to said channel, said extension portion having a hole therethrough communicating with said channel;

a generally U-shaped grommet member having at least two prongs and a passage for accommodating a part of a bone fixation member, said prongs being inserted into said hole through said extension portion so that said grommet member is rotatably connected with said receiver member;

a fixing member lodged between at least two of said prongs, whereby said grommet member is prevented from being removed from said receiver member;

a first disk connected to said extension portion of said receiver member, said first disk having a first surface and a second surface, said first surface having at least one opening for accommodating at least a part of said body portion so that said receiver member and said first disk are substantially not rotatable with respect to each other when said first disk is connected to said extension portion; and

a second disk connected to said grommet member,

RESPONSE TO FINAL OFFICE ACTION

Application Serial No. 10/720,771

Attorney Docket No. 4002-3317

Page 3 of 16

wherein said first and second disks face each other.

37. (original) The apparatus of claim 36, wherein said second surface of said first disk is roughened, and wherein said second disk has a surface that is roughened, and said roughened surfaces of said disks face each other.

38. (original) The apparatus of claim 37, wherein said roughened sides included a set of splines.

39-44. (cancelled)

45. (new) The apparatus of claim 34, wherein said extension is compressible.

46. (new) The apparatus of claim 34, further including a block positioned between said prongs.

47. (new) The apparatus of claim 46, wherein said block comprises one of a clip, a ball, a cylinder, and a planar solid.

48. (new) The apparatus of claim 34, wherein said at least one prong includes a flange for interacting with a portion of said receiver member to retain said extension with said receiver member.

RESPONSE TO FINAL OFFICE ACTION

Application Serial No. 10/720,771

Attorney Docket No. 4002-3317

Page 4 of 16

49. (new) The apparatus of claim 34, further including a bone implant member inserted through said grommet member, wherein said bone implant member is one of a bone screw, a bone bolt, a bone hook, a clamp, or a connector.

50. (new) The apparatus of claim 34, wherein at least one of said prongs has a groove formed therein, and further comprising a retaining member, wherein at least a portion of said retaining member fits within at least a portion of said prong groove.

51. (new) The apparatus of claim 50, wherein said retaining member is a ring.

52. (new) The apparatus of claim 34, wherein said receiver member includes an internal countersunk portion defining a ledge.

53. (new) The apparatus of claim 52, wherein said ledge is integral with said receiver member.

54. (new) The apparatus of claim 34, further comprising an elongated member extending through said channel of said receiver member.

55. (new) The apparatus of claim 34, further comprising a friction-increasing substance applied between said first disk and said receiver member to substantially maintain said first disk and said receiver member in a desired relative position.

RESPONSE TO FINAL OFFICE ACTION
Application Serial No. 10/720,771
Attorney Docket No. 4002-3317
Page 5 of 16

56. (new) The apparatus of claim 34, further comprising a friction-increasing substance applied between said second disk and said grommet member to substantially maintain said second disk and said grommet member in a desired relative position.

57. (new) The apparatus of claim 34, wherein said first disk has an opening through which said extension portion of said receiver member extends, and said disk opening and said extension portion are configured to substantially prevent relative rotational movement between said first disk and said extension portion.

58. (new) The apparatus of claim 34, wherein said second disk has an opening through which said prongs of said grommet member extend, and said disk opening and at least a portion of said prongs are configured to substantially prevent relative rotational movement between said second disk and said prongs.

59. (new) The apparatus of claim 34, wherein said grommet member includes at least one protrusion adapted to block movement of said second disk with respect to said grommet member in at least one direction.

60. (new) The apparatus of claim 34, wherein said receiver member includes at least one indentation for receiving a friction-increasing substance.

61. (new) The apparatus of claim 60, wherein said at least one indentation is on said extension portion of said receiver member.

RESPONSE TO FINAL OFFICE ACTION

Application Serial No. 10/720,771

Attorney Docket No. 4002-3317

Page 6 of 16

62. (new) The apparatus of claim 36, wherein said extension is compressible.

63. (new) The apparatus of claim 36, further including a block positioned between said prongs.

64. (new) The apparatus of claim 63, wherein said block comprises one of a clip, a ball, a cylinder, and a planar solid.

65. (new) The apparatus of claim 36, wherein said at least one prong includes a flange for interacting with a portion of said receiver member to retain said extension with said receiver member.

66. (new) The apparatus of claim 36, further including a bone implant member inserted through said grommet member, wherein said bone implant member is one of a bone screw, a bone bolt, a bone hook, a clamp, or a connector.

67. (new) The apparatus of claim 36, wherein at least one of said prongs has a groove formed therein, and further comprising a retaining member, wherein at least a portion of said retaining member fits within at least a portion of said prong groove.

68. (new) The apparatus of claim 67, wherein said retaining member is a ring.

RESPONSE TO FINAL OFFICE ACTION

Application Serial No. 10/720,771

Attorney Docket No. 4002-3317

Page 7 of 16

69. (new) The apparatus of claim 36, wherein said receiver member includes an internal countersunk portion defining a ledge.

70. (new) The apparatus of claim 69, wherein said ledge is integral with said receiver member.

71. (new) The apparatus of claim 36, further comprising an elongated member extending through said channel of said receiver member.

72. (new) The apparatus of claim 36, further comprising a friction-increasing substance applied between said first disk and said receiver member to substantially maintain said first disk and said receiver member in a desired relative position.

73. (new) The apparatus of claim 36, further comprising silicone applied between said second disk and said grommet member to substantially maintain said second disk and said grommet member in a desired relative position.

74. (new) The apparatus of claim 36, wherein said first disk has an opening through which said extension portion of said receiver member extends, and said disk opening and said extension portion are configured to substantially prevent relative rotational movement between said first disk and said extension portion.

RESPONSE TO FINAL OFFICE ACTION
Application Serial No. 10/720,771
Attorney Docket No. 4002-3317
Page 8 of 16

75. (new) The apparatus of claim 36, wherein said second disk has an opening through which said prongs of said grommet member extend, and said disk opening and at least a portion of said prongs are configured to substantially prevent relative rotational movement between said second disk and said prongs.

76. (new) The apparatus of claim 36, wherein said grommet member includes at least one protrusion adapted to block movement of said second disk with respect to said grommet member in at least one direction.

77. (new) The apparatus of claim 36, wherein said receiver member includes at least one indentation for receiving a friction-increasing substance.

78. (new) The apparatus of claim 77, wherein said at least one indentation is on said extension portion of said receiver member.

79. (new) An apparatus comprising:
a receiver member for holding a part of an elongated member, said receiver member having a channel therethrough, at least one aperture for a closure member, and an opening transverse to said channel having a countersunk edge;
a grommet member for holding a part of a bone attachment member, said grommet member having a passage therethrough and at least two prongs extending transverse to said passage, said prongs being inserted into said transverse opening so that a portion of each of said

RESPONSE TO FINAL OFFICE ACTION

Application Serial No. 10/720,771

Attorney Docket No. 4002-3317

Page 9 of 16

prongs is adjacent said countersunk portion, whereby said grommet member and said receiver member are rotatably connected;

at least one fixing member lodged between two of said prongs when said prongs are within said transverse opening;

a first disk connected to one of said receiver member and said grommet member; and
a second disk connected to the other of said receiver member and said grommet member,
wherein said first disk has a splined surface facing said second disk, and said second disk has a splined surface facing said first disk.

80. (new) The apparatus of claim 79, further comprising an orthopedic rod extending through said channel of said receiver member.

81. (new) The apparatus of claim 80, further comprising at least one locking member connected to said receiver member for locking said rod within said channel.

82. (new) The apparatus of claim 81, wherein said at least one locking member is a set screw.

83. (new) The apparatus of claim 82, comprising two locking members connected to said receiver member for locking said rod within said channel.

84. (new) An apparatus comprising:

RESPONSE TO FINAL OFFICE ACTION
Application Serial No. 10/720,771
Attorney Docket No. 4002-3317
Page 10 of 16

a receiver member for holding a part of an elongated member, said receiver member having a channel therethrough, at least one aperture for a closure member, and an opening transverse to said channel;

a grommet member for holding a part of a bone implant member, said grommet member having a passage therethrough for a bone implant member and an extension transverse to said passage, wherein said extension is inserted through said transverse opening of said receiver member so that said grommet member is rotatably connected to said receiver member; and

at least one intermediate member between said receiver member and said grommet member, said intermediate member being substantially in the shape of a disk.

85. (new) The apparatus of claim 84, further comprising silicone applied between said intermediate member and said receiver member to substantially maintain said intermediate member and said receiver member in a desired relative position.

86. (new) The apparatus of claim 84, wherein said grommet member includes at least one protrusion adapted to block movement of said intermediate member with respect to said grommet member in at least one direction.

87. (new) The apparatus of claim 84, wherein said intermediate member includes a groove.

88. (new) The apparatus of claim 84, wherein said intermediate member includes a roughened side.

RESPONSE TO FINAL OFFICE ACTION
Application Serial No. 10/720,771
Attorney Docket No. 4002-3317
Page 11 of 16

89. (new) The apparatus of claim 88, wherein said roughened side includes a set of one or more splines.

RESPONSE TO FINAL OFFICE ACTION
Application Serial No. 10/720,771
Attorney Docket No. 4002-3317
Page 12 of 16